

IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Cullen E. Bash et al.

Confirmation No.:

Application No.: TBD

Examiner:

Filing Date: Herewith

Group Art Unit:

Title: COOLING OF DATA CENTERS

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- ☒ under 37 CFR 1.97(b), or  
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- ☐ under 37 CFR 1.97 (c) together with either a:  
☐ Statement under 37 CFR 1.97(e), or  
☐ a \$180.00 fee under 37 CFR 1.17(p), or  
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97 (d) together with a:  
☐ Statement under 37 CFR 1.97(e)(1) or (2), and  
☐ a \$180.00 fee set forth in 37 CFR 1.17(p).  
(Filed after final action, a notice of allowance, on or before payment of the issue fee)

Please charge to Deposit Account **08-2025** the sum of \$0.00 . At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account **08-2025** pursuant to 37 CFR 1.25.

☒ Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Statement together with any required copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

☐ A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

- ☐ I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Alexandria, VA 22313-1450. Date of Deposit: \_\_\_\_\_

OR

- ☐ I hereby certify that this paper is being transmitted to the Patent and Trademark Office facsimile number \_\_\_\_\_ on \_\_\_\_\_  
Number of pages: \_\_\_\_\_

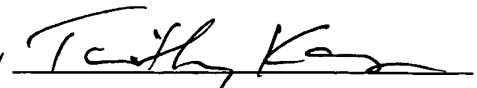
Typed Name:

Signature: \_\_\_\_\_

Respectfully submitted,

Cullen E. Bash et al.

By



Timothy B. Kang

Attorney/Agent for Applicant(s)

Reg. No. **46,423**

Date: **Oct. 31, 2003**

Telephone No.: **(703)560-8503**

**PATENT APPLICATION**

Sheet 1 of 1

<b>FORM PTO-1449</b>  <b>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</b>  (Use several sheets if necessary)	ATTY. DOCKET NO. <b>100201724-3</b>	APPLICATION NO.	CONFIRMATION NO.
APPLICANT <b>Cullen E. Bash et al.</b>			
FILING DATE <b>Herewith</b>		GROUP	

**REFERENCE DESIGNATION                      U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	1A	4,874,127	Oct. 17, 1989	Collier	
	1B	5,345,779	Sept. 13, 1994	Feeney	
	1C	5,467,609	Nov. 21, 1995	Feeney	
	1D	5,718,628	Feb. 17, 1998	Nakazato et al.	
	1E	6,283,380	Sept. 4, 2001	Nakanishi et al.	
	1F	6,374,267	April 23, 2002	Schumacher et al.	
	1G	6,412,292	July 2, 2002	Spinazzola et al.	
	1H	6,494,050	Dec. 17, 2002	Spinazzola et al.	
	1I	6,557,357	May 6, 2003	Spinazzola et al.	
	1J	6,557,624	May 6, 2003	Stahl et al.	
	1K	6,574,104	June 3, 2003	Patel et al.	

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
	1L					
	1M					
	1N					
	1O					
	1P					

**OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)**

	1Q	
	1R	
	1S	
EXAMINER		DATE CONSIDERED

**PATENT APPLICATION**

Sheet 1 of 1

FORM PTO-1449

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(Use several sheets if necessary)

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EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	1A	6,574,104	June 3, 2003	Patel et al.	
	1B	6,574,970	June 10, 2003	Spinnazzola et al.	
	1C				
	1D				
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	1F				
	1G				
	1H				
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EXAMINER

DATE CONSIDERED